

Message Text

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TAGS: ETRN, ENRG, OCON, JA

SUBJECT:9TH US-JAPAN TRANSPORTATION RESEARCH PANEL MEETING

REFS: (A) STATE 213362 (B) TOKYO 13202 (C) TOKYO 13852

1. THIS IS AN INTERIM REPLY TO REFTEL C. PLANNING UNDERWAY TO ACCOMODATE GOJ PROPOSAL. PLAN WILL BE COMMUNICATED ASAP.

2. DATES OCTOBER 27-29 ACCEPTABLE TO DOT. INTERPRETER SERVICES WILL BE AVAILABLE.

3. DOT WOULD LIKE FOLLOWING AGENDA-RELATED PRESENTATIONS (REF. A):

A. AUTOMATED GUIDEWAY TRANSIT (AGT):

1. THE CURRENT DEVELOPMENT STATUS OF AGT
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TECHNOLOGY IN JAPAN INCLUDING SHUTTLE-LOOP

TRANSIT, GROUP RAPID TRANSIT, PERSONAL RAPID TRANSIT AND DUAL MODE TRANSIT SYSTEMS, (DESIGN PARAMETERS, DEVELOPMENT STATUS, TEST TRACK INFORMATION).

2. UPDATED INFORMATION ON URBAN APPLICATION STUDIES FOR AGT SYSTEM DEPLOYMENT OR DEMONSTRATION.

3. RESULTS OF COST-BENEFIT AND OTHER SOCIO-ECONOMIC STUDIES OF AGT SYSTEMS.

4. RESULTS OF AGT TECHNOLOGY STUDIES SUCH AS THOSE RELATING TO VEHICLE LATERAL AND LONGITUDINAL CONTROL, SWITCHING, PROPULSION, BRAKING, RELIABILITY, ETC.

DOT WOULD ALSO LIKE TO DISCUSS JAPANESE PARTICIPATION IN UMTA'S AGT ASSESSMENT PROGRAM. UMTA IS ASSESSING THE PERFORMANCE OF THE FOLLOWING UNITED STATES AGT SYSTEMS (1) AIRTRANS, (2) DALLAS-LOVE FIELD JETRAIL, (3) TAMPA-AIRPORT SHUTTLE, (4) BUSCH GARDENS LOOP, (5) HOUSTON-AIRPORT LOOP, (6) HONOLULU-PEARL RIDGE, (7) DETROIT-FAIRLANE SHUTTLE, (8) WEDWAY SYSTEMS AT DISNEYWORLD AND DISNEYLAND, (9) SEATTLE-SEA-TAC AIRPORT SHUTTLE-LOOP SYSTEM AND THE (10) MORGANTOWN SYSTEM. MORE INFO BY SEPTTEL.

B. HIGHWAY SYSTEMS: TRAFFIC SURVEILLANCE AND CONTROL:

1. STATUS REPORT ON ELECTRONIC ROUTE GUIDANCE SYSTEM (ERGS) IN JAPAN (MIDI).

2. SPECIFIC EVALUATION RESULTS OF URBAN TRAFFIC CONTROL IN PEAK PERIODS WITH EMPHASIS ON JAMMED MODE CONTROL.

3. FREEWAY SURVEILLANCE AND CONTROL (INCLUDING TOLL ROADS).
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C. TRANSPORTATION FOR THE HANDICAPPED AND ELDERLY:

1. JAPANESE EXPERIENCE WITH TRANSPORTATION OF HANDICAPPED AND ELDERLY.

D. ENVIRONMENTAL IMPACT ASSESSMENT:

1. CRITERIA AND PROCEDURES USED BY GOJ FOR
EVALUATION/ASSESSMENT AS PERTAINS TO NOISE AND
AIR QUALITY.

E. ENERGY CONSERVATION PROGRAMS:

1. GOJ PROGRAMS COMPARABLE TO US 55 MPH SPEED
CONTROL PROGRAM.

F. PHYSICAL DISTRIBUTION SYSTEMS:

1. URBAN GOODS STUDIES:

A. SURVEY OF THE MATERIAL FLOW IN THE TOKYO
METROPOLITAN AREA: CONDUCTED BY THE INDUSTRIAL
RESEARCH INSTITUTE AT THE REQUEST OF THE
TRAFFIC PLANNING COMMITTEE OF TOKYO
METROPOLITAN AREA CITIES.

IN LARGE CITIES: BY TRANSPORT ECONOMICS
RESEARCH CENTER, MARCH 1971.

C. RESULTS AND CONCLUSIONS OF ATTEMPTS TO
MODEL UGM IN HIROSHIMA, PER LETTER FROM
KATSUTOSHI OHTA, DEPARTMENT OF ENGINEERING,
UNIVERSITY OF TOKYO, TO DR. ERNEST CADOTTE,
UNIVERSITY OF TENNESSEE, OCTOBER 4, 1975 AND
ARTICLE BY TAKESHI KUROKAWA IN THE WHEEL
EXTENDED, AUTUM, 1973.

2. WORK ON FREIGHT CONSOLIDATION:

A. KUTURI WHOLESALERS STREET, DESCRIBED IN
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"RATIONALIZATION OF COMMODITY DISTRIBUTION IN
WHOLESALERS BUSINESS TOWN".

B. METROPOLITAN TOKYO SYSTEM TRANSPORT GROUP.

C. COOPERATIVE PICK-UP AND DELIVERY SYSTEM
ORGANIZED BY TEXTILE WHOLESALERS IN THE
NIHONBASHI-HORIDOME AREA OF TOKYO.

D. HIGHWAY TERMINAL STATIONS SET UP BY JAPAN
HIGHWAY PUBLIC CORPORATION IN KUMAMOTO AND
KORIYAMA, AND ON THE TRANS-KYUSHU AND THE
TRANS-TOHOKO HIGHWAYS (AS DESCRIBED IN
MAINICHI, JUNE 9, 1974.

G. CONVENTIONAL RAIL TECHNOLOGY:

1. EXPERIENCE GAINED AND LESSONS LEARNED IN THE DEVELOPMENT OF YARD AUTOMATION BY THE LINEAR MOTOR SYSTEM AT THE SHIOHAMA MARSHALLING YARD.

2. EXPERIENCE GAINED IN THE DEVELOPMENT AND OPERATION OF THE AUTOMATED MARSHALLING YARD AT KORIYAMA AS WELL AS METHODOLOGY USED IN DESIGN OF FACILITY.

3. FREIGHTLINER SERVICE: IN PARTICULAR THE DESIGN OF MAJOR VOLUME TERMINALS AND HOW LOW VOLUME TRANSFER POINTS ARE OPERATED. WE HAVE A SPECIAL INTEREST IN ISO CONTAINER CARS AND THEIR DYNAMICS AND EXPERIENCE WITH SINGLE-AXLE AND FABRICATED TWO-AXLE BOGIES. TRANSFER HANDLING EQUIPMENT AND THE DESIGN CONSIDERATIONS ARE ALSO OF INTEREST.

4. DISCUSSION OF THE CAPABILITIES AND CURRENT RESEARCH TECHNIQUES EMPLOYED IN THE CAR PERFORMANCE AND CAR DYNAMIC LABORATORIES OF JNR.

5. MEASUREMENT OF NOISE ASSOCIATED WITH THE
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RAIL ENVIRONMENT AND COUNTERMEASURES TO REDUCE NOISE TO ACCEPTABLE LIMITS.

H. MAGNETIC LEVITATION:

1. STATUS OF MOT MAGLEV EXPERIMENTAL PROGRAMS AND PLANS FOR IMPLEMENTING THESE SYSTEMS.

I. DEEPWATER PORTS:

1. DISCUSS PROBLEMS RELATING TO EXERCISE OF JURISDICTION AND CONTROL OVER SHIPS IN DEEPWATER PORTS.

2. DISCUSS NEED TO ESTABLISH SAFETY ZONES AROUND PORT STRUCTURES. ROBINSON

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